

IRINN UPDATE

Ajai Kumar
Manager, NIXI
Secretary, APIX
Member PC, SANOG
Co Chair of NIR SIG, APNIC
Chapter Administrator, ISOC Delhi Chapter



IRINN Overview

Govt. of India, Department of Electronics & IT (DeitY) endorsed the operations of National Internet Registry (NIR) to NIXI.

NIR is entrusted with the task of delegating IP addresses within an economy.

NIXI was recognized by APNIC in March 2012 to become the NIR for India.

The NIR has been named as Indian Registry for Internet Names and Numbers (IRINN).

IRINN website(www.irinn.in) is IPv6 compatible.



IRINN Activities

I. Primary Activities

The management and fair distribution of

- a) IPv4 Addresses
- b) IPv6 Addresses
- c) AS Numbers

II. Secondary Activities

- a) Coordination with global policy makers
- b) Organizing programs towards Internet Resources knowledge proliferation
- c) Organizing Technical Training
- d) Providing support system & provide whois database
- f) Organize local open policy meetings to carry forward Indian stakeholder views to the regional and global open policy forums.



IRINN Policy Objectives

- Delegation of IPv4, IPv6 & AS Numbers consistent with regional and global Resource management policies .
- Conduct training and skill development.
- Development of public policies and take public positions in the best interest of the affiliates.



Procedure to become an Affiliate

- To become an Affiliate, organization must submit their online Application with supporting documents like :
 - Copy of company registration documents,
 - PAN, TIN & TDS registration details ,
 - Business Address Proof,
 - Authoritative person Details,
 - Resource requirement justification .

- Affiliates must submit the signed copy of IRINN Affiliation agreement.



IP Delegation Policy for IRINN

- IRINN Policy is inline with APNIC Policies.
- IRINN evaluates and approves application as per the current policies and criteria.
- Minimum delegation size for IPv4 is restricted to /24 and maximum delegation size for IPv4 is restricted to /21 as per current policy.
- Minimum delegation size for IPv6 address is /32 for LIRs & /48 for Affiliates as per current Policy.



AS Number Delegation Policy

I. Conditions of AS number request

- a) Multi-homed network to different providers.
- b) The AS number must be used in 3 months.

II. IRINN AS number management

- a) IRINN will update APNIC Whois Database before allocating an AS number.
- b) IRINN has the right to ask the applicant return the AS number if they have not used that AS number in 3 months since they received the AS number.



Resource Delegation policy Update

- 15 April 2011, all new and existing Members were able to access up to a maximum of /22 from the 103/8 pool.
- Tuesday, 27 May 2014, new and existing Members are able to access up to a maximum of /22 from the non-103/8 pool.
- So Now the maximum allocation size for the IPv4 Resources - /21.



Resource Transfer policy Update

➤ **IPV4 Transfer :**

- IRINN is allowing IPV4 transfer as per policy available at IRINN website.
- A 20% transfer fee is charged according to the size of the block that is being transferred.

➤ **ASN Transfer policy:**

- The transfer of AS Numbers is permitted within the APNIC/IRINN region.
- No other Regional Internet Registry (RIR) currently has an inter-RIR AS Number transfer policy.



IRINN Financial Policy Features

- **Resource Application fee** (Rs. 25,000 one Time)
- **Annual Affiliation fee** (is based on the actual Resource hold)
- **Following discount in the affiliation fee will be applicable for the renewal :**
 - ❖ Discount of 30% (1st November 2014 to 31st October, 2015).
 - ❖ Discount of 25% (1st November 2015 to 31st October, 2016).



I am Applying only
for IPV4 to
IRINN .



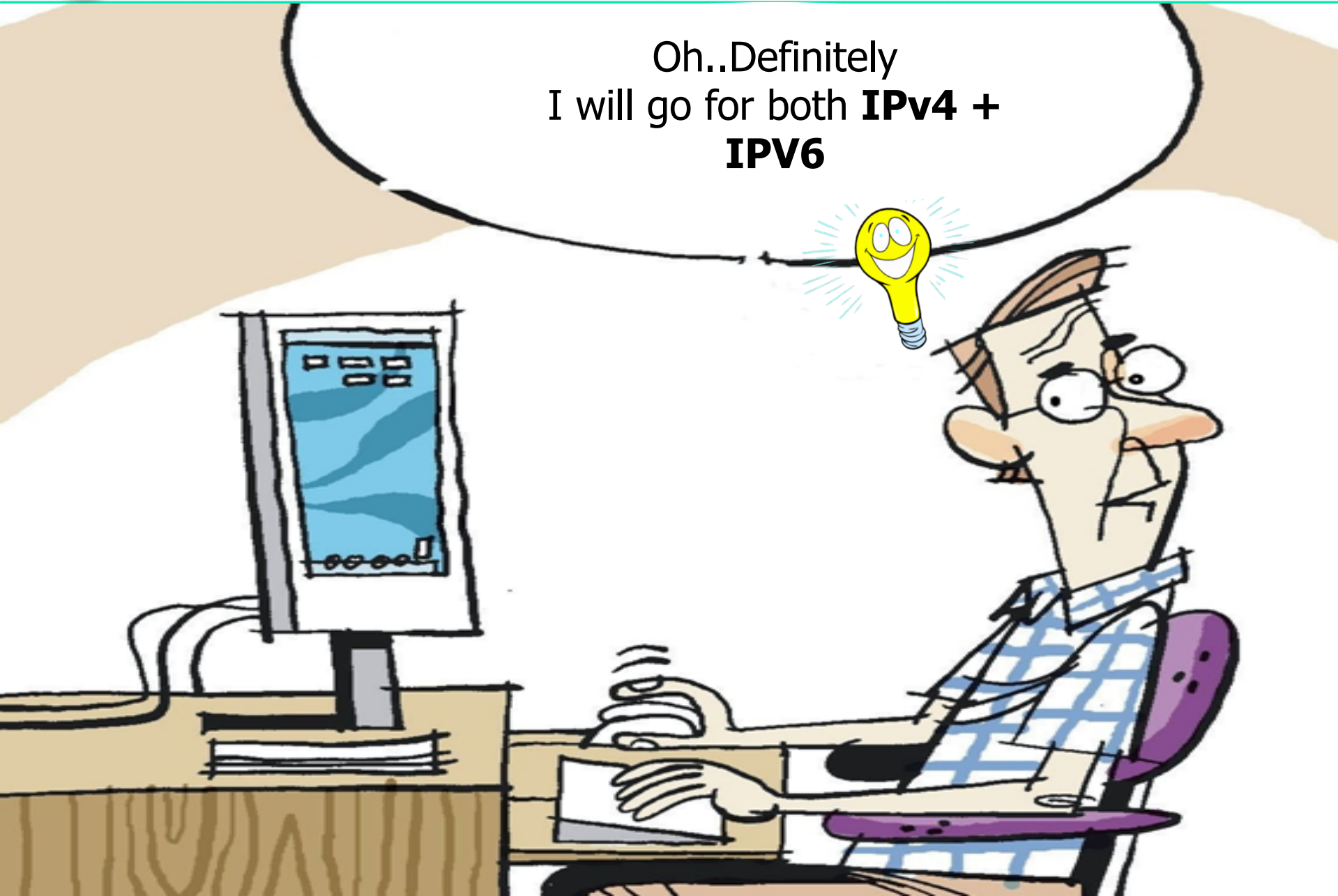


Do you Know ? As per IRINN fee structure , If you are applying IPV4 , then IPV6 is virtually free IRINN fee will be greater of the two.





Oh..Definitely
I will go for both **IPv4 +
IPV6**

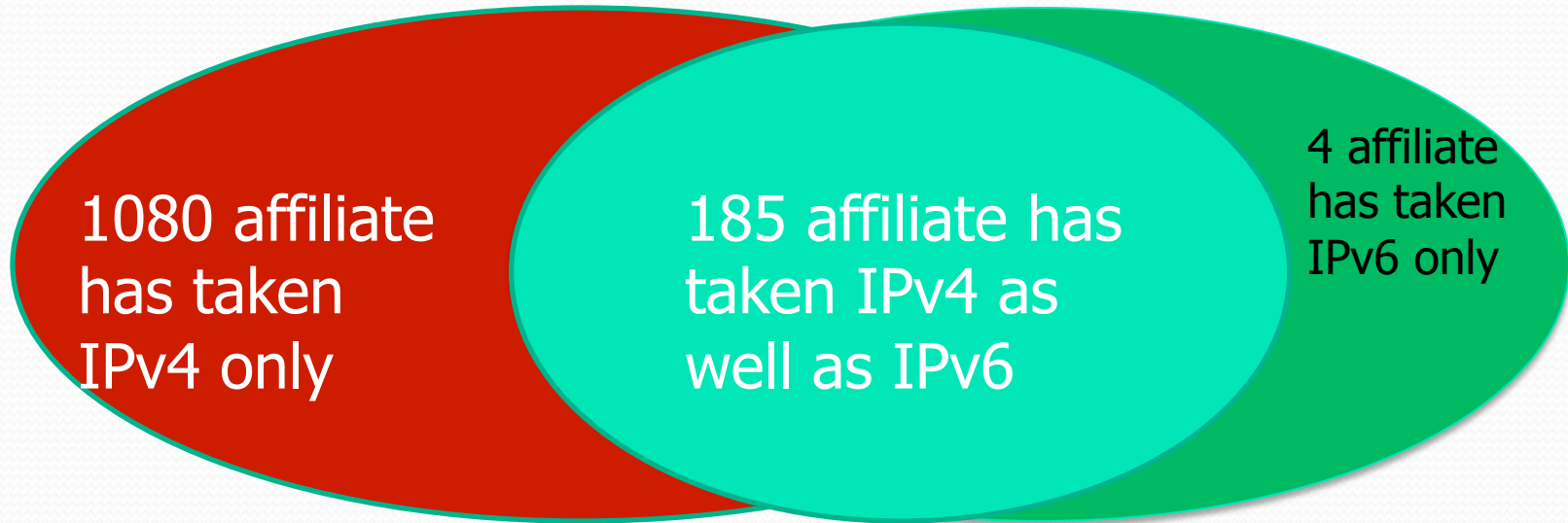




Current IRINN Affiliates Status

- Total Affiliates as on 03/07/2015 - 1084
- Transfer from APNIC – 180
- New Affiliates - 900
- IPv4 Market Transfer – 04
- ASN Transfer- 0

IP Allocation Status



- Most of the Banks and Universities are approaching us seeking to become affiliate & with request for IPv6 .



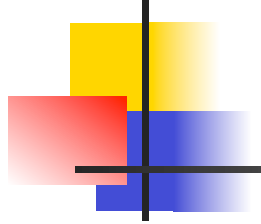
Join discussions

IRINN Mailing List for Discussion:

- To facilitate discussion on a range of topics related to Internet addressing and networking IRINN is maintaining public mailing lists.
- This is complemented by publicly accessible face-to-face forums conducted at the yearly IRINN Conferences.
 - IRINN Policy (Policy@irinn.in)
 - IRINN Training (training@irinn.in)

IRINN Announce Mailing List:

- Official notifications and news items will be made to the community using the IRINN Announce mailing list.
- Subscribers to IRINN Announce (announce@irinn.in) can only receive announcements from IRINN



Thank You